



## **SINGLE SUBJECT TEACHING CREDENTIAL**

### **Requirements for Teachers Prepared Outside of California**

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California has a two-tier credential structure. A five year preliminary credential is the first credential issued after an individual meets basic credential requirements. A professional clear credential is issued when all credential requirements have been completed.

A Single Subject Teaching Credential authorizes the holder to teach the specific subject(s) named on the credential in departmentalized classes such as those in most middle schools and high schools. However, a teacher authorized for single subject instruction may be assigned to teach any subject in his or her authorized fields at any grade level: preschool, grades K–12, or in classes organized primarily for adults.

The statutory subjects available for California Single Subject Teaching Credentials are as follows

Agriculture	Languages other than English (specify)
Art	Mathematics
Biological Sciences (Specialized)	Music
Business	Physical Education
Chemistry (Specialized)	Physics (Specialized)
English	Science: Biological Sciences
Foundational-Level Mathematics	Science: Chemistry
Geosciences (Specialized)	Science: Geosciences
Health Science	Science: Physics
Home Economics	Social Science
Industrial and Technology Education	

Secondary school teachers who completed their professional preparation outside of California **may apply directly to the Commission** for their initial credential. The credentialing process in California is made up of a sequence of requirements which the teacher is given up to five years to complete. Teachers receiving the preliminary credential are making a commitment to complete the process and obtain the professional clear credential. Applicants may apply directly to the Commission for this credential by submitting an application form (41-4), fingerprint clearance materials, transcripts, other requested materials, and current applicable fees.

The preliminary credential is issued for a maximum of **five years**. If requirements for the professional clear credential are not completed before the expiration of the preliminary, the holder will be unable to teach in California's public schools with that credential until those requirements are met and the document renewed.

- *California has five options for of an out-of-state trained secondary teacher to qualify for the Single Subject Teaching Credential. Review each of the five options to determine which is the best option for you.*

### **Option 1**

#### **Out-of-State Trained Applicants with Five or More Years of Out-of-State Teaching Experience**

#### **Requirements for the Five-Year Preliminary Single Subject Teaching Credential**

Teachers prepared outside of California who verify five years or more of full-time teaching experience in another state or U.S. territory, in the subject area of the credential sought, may qualify for a California teaching credential by documenting **all** of the following:

1. Baccalaureate or higher degree from a regionally-accredited college or university

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2. A professional preparation program in secondary education, including student teaching, with a minimum grade of “C” on a five-point scale, taken at a regionally-accredited institution accredited by the state certification agency of the state in which the program was completed
3. Issued or eligible for a comparable teaching credential from another state
4. Completion of an academic major ([see Terms and Definitions](#)) in the subject of the credential sought
5. Five years or more of full-time teaching experience ([see Terms and Definitions](#)) in the subject of the credential sought
6. Evidence of rigorous performance evaluations ([see Terms and Definitions](#)) on which the applicant received a rating of “satisfactory” or better

### **Requirements for the Professional Clear Single Subject Teaching Credential**

Applicants may apply directly to the Commission for a professional clear teaching credential by submitting an application form (41-4) and current application fees with documentation of **all** of the following:

1. Pass the California Basic Educational Skills Test (CBEST) during the first year of certification (unless passage was verified with the issuance of the preliminary credential). CBEST must be passed within one year of the issuance date of the preliminary credential in order for the holder to be eligible to continue teaching. (For more information, contact the CBEST Program, National Evaluation Systems, Inc., P.O. Box 340880, Sacramento, CA 94834-0990, 916-928-4001, 800-262-5080, or [www.cbest.nesinc.com](http://www.cbest.nesinc.com).)
2. Possess the five-year preliminary credential based on five or more years of teaching experience
3. Complete 150 clock hours of activities that contribute to the individual’s teaching competence, performance, effectiveness, and that assist the applicant in meeting or exceeding standards for professional preparation established by the Commission (These activities must be documented on CCTC form CL-820A and verified by the employer’s director of curriculum and instruction in the subject area listed on the credential. Contact the Commission for the form.)

### **Option 2**

#### **Out-of-State Trained Applicants with Three or Four Years of Out-of-State Teaching Experience**

### **Requirements for the Five-Year Preliminary Single Subject Teaching Credential**

Teachers prepared outside of California who verify three or four years of full-time teaching experience in another state or U.S. Territory, in the subject area of the credential sought, may qualify for a California teaching credential by documenting **all** of the following:

1. Baccalaureate or higher degree from a regionally-accredited college or university
2. A professional preparation program in secondary education, including student teaching, with a minimum grade of “C” on a five-point scale, taken at a regionally-accredited institution accredited by the state certification agency of the state in which the program was completed
3. Issued or eligible for a comparable teaching credential from another state
4. Completion of an academic major ([see Terms and Definitions](#)) in the subject of the credential sought
5. Three or four years of full-time teaching experience ([see Terms and Definitions](#)) in the subject area of the credential sought
6. Evidence of rigorous performance evaluations ([see Terms and Definitions](#)) on which the applicant received a rating of “satisfactory” or better

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## Requirements for the Professional Clear Single Subject Teaching Credential

Applicants may apply directly to the Commission for a professional clear teaching credential by submitting an application form (41-4) and current application fees with documentation of **all** of the following:

1. Pass the California Basic Educational Skills Test (CBEST) during the first year of certification (unless passage was verified with the issuance of the preliminary credential). CBEST must be passed within one year of the issuance date of the preliminary credential in order for the holder to be eligible to continue teaching. (For more information, contact the CBEST Program, National Evaluation Systems, Inc., P.O. Box 340880, Sacramento, CA 94834-0990, 916-928-4001, 800-262-5080, or <[www.cbest.nesinc.com](http://www.cbest.nesinc.com)>.)
2. Possess the five-year preliminary credential based on three or four years of teaching experience
3. Complete a Commission-approved Professional Teacher Induction Program ([See Terms and Definitions.](#))

### Option 3

## Out-of-State Trained Applicants Who Have Completed a Program in a State Determined to Have Equivalent Standards

## Requirements for the Five-Year Preliminary Single Subject Teaching Credential

Applicants must satisfy **all** of the following requirements:

1. Baccalaureate or higher degree from a regionally-accredited college or university
2. A professional preparation program completed on or after January 1, 1997, from a state determined to have equivalent standards to the California Single Subject Teaching Credential (verified by either a copy of the certificate from the equivalent state or an eligibility letter from the institution where the program was completed or the state agency responsible for issuing the certificate). The out-of-state single subject program must be in the equivalent subject-matter area. [See Table 2](#) to determine which states have been deemed equivalent for this option.
3. Issued or eligible for a comparable teaching credential from another state

## Requirements for the Professional Clear Single Subject Teaching Credential

Individuals may apply for a professional clear teaching credential by submitting an application form (41-4) and current application fees with documentation of **all** of the following:

1. Pass the California Basic Educational Skills Test (CBEST) during the first year of certification (unless passage was verified with the issuance of the preliminary credential). CBEST must be passed within one year of the issuance date of the preliminary credential in order for the holder to be eligible to continue teaching. (For more information, contact the CBEST Program, National Evaluation Systems, Inc., P.O. Box 340880, Sacramento, CA 94834-0990, 916-928-4001, 800-262-5080, or <[www.cbest.nesinc.com](http://www.cbest.nesinc.com)>.)
2. Developing English Language Skills, including Reading – applicants must satisfy **one** of the following requirements:
  - a. complete a professional preparation program on or after January 1, 1997, from a state determined to have an equivalent methods of teaching reading standard. ([See Table 2.](#))
  - b. complete a course in Developing English Language Skills, including Reading, that is research-based and includes the study of phonemic awareness, spelling patterns, early intervention techniques, ongoing diagnostic techniques, and a strong literature, language, and comprehension component. (Submit a copy of the course description for evaluation purposes.)
3. U.S. Constitution – applicants must satisfy **one** of the following requirements:
  - a. complete a professional preparation program on or after January 1, 1997, from a state determined to have an equivalent U.S. Constitution course standard. ([See Table 2.](#))
  - b. complete a course (at least two semester units or three quarter units) in the Provisions and Principles of the United States Constitution. (Submit a copy of the course description for evaluation purposes.)
  - c. pass an examination in the Provisions and Principles of the U.S. Constitution given by a regionally-accredited college or university.

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- d. applicants from the interstate agreement states are considered to have successfully met the U.S. Constitution requirement. ([See Table 1.](#))
4. Subject Matter Competence – applicants must satisfy **one** of the following requirements:
- a. complete a professional preparation program on or after January 1, 1997, from a state determined to have an equivalent subject-matter competence standard. ([See Table 2.](#))
  - b. achieve a passing score on the appropriate subject-matter examination(s). (Information about the appropriate subject-matter examination(s), including passing scores and registration, can be found in Verifying Subject-Matter Competence leaflet [CL-674S](#), that may be obtained by visiting the Commission’s website at [www.ctc.ca.gov](http://www.ctc.ca.gov).)
  - c. complete a Commission-approved subject-matter competence program or its equivalent and obtain verification of completion from the authorized person in the education department of a California college or university with an approved program. (California colleges and universities may have recency requirements that have to be met before a subject-matter statement can be granted.)
  - d. for Specialized Science Subjects only, individuals may take and pass the appropriate subject matter examination or obtain verification of completion of subject-matter course work from the Commission on Teacher Credentialing. Information, including requirements and procedures, can be found in [Coded Correspondence 03-0010](#).
5. Health Education – applicants must satisfy **one** of the following requirements:
- a. complete a professional preparation program on or after January 1, 1997, from a state determined to have an equivalent health education course standard. ([See Table 2.](#))
  - b. complete a unit requirement in health education, including, but not limited to, nutrition; the physiological and sociological effects of alcohol, narcotic, and drug abuse; and the use of tobacco. (This requirement must include verification of training in cardiopulmonary resuscitation [CPR] that covers infant, child, and adult CPR skills. Submit a copy of the course description and CPR card for evaluation purposes.)
  - c. complete a Commission-approved Professional Teacher Induction Program. ([See Terms and Definitions.](#))
6. Special Populations – applicants must satisfy **one** of the following requirements:
- a. complete a professional preparation program on or after January 1, 1997, from a state determined to have an equivalent special education course standard. ([See Table 2.](#))
  - b. complete a course work in methods of delivering appropriate education services to students with exceptional needs in regular education programs. (Course components must include adapting programs and materials to meet the needs of exceptional students, the concept of “least restrictive environment,” and exposure to state and federal laws pertaining to special education. Submit a copy of the course description for evaluation purposes.)
  - c. complete a Commission-approved Professional Teacher Induction Program. ([See Terms and Definitions.](#))
7. Foundational and Advanced Computer Education — applicants must satisfy the computer education requirement at **both** levels in order to obtain the professional clear credential
- a. complete a professional preparation program on or after January 1, 1997, from a state determined to have an equivalent computer education course standard. ([See Table 2.](#)) This option satisfies the foundational level requirement only.
  - b. complete foundational and advanced Computer Education course work, which includes general and specialized skills in the use of computers in an educational setting. (Submit a copy of the course description[s] for evaluation purposes.)
  - c. achieve a passing score on the Preliminary Education Technology Test. (Information about this test can be found in Examinations for Teacher Certification in California, leaflet [CL-818](#), that can be obtained by visiting the Commission’s website at [www.ctc.ca.gov](http://www.ctc.ca.gov).) Passage of this test satisfies the foundational level requirement only.

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- d. complete a Commission-approved Professional Teacher Induction Program. ([See Terms and Definitions.](#)) This option satisfies both the foundational and advanced level requirements.
8. Applicants must satisfy **one** of the following requirements:
- a. hold a master's degree or complete a fifth year of study consisting of 30 semester units beyond the bachelor's degree in a defined field of study designed to improve the teacher's competence and skills. The degree must have been obtained from, or course work completed at, a regionally-accredited college or university outside of California. Teachers prepared outside of California who have already completed their fifth year of study may apply directly to the Commission for the professional clear credential if they are able to verify completion of requirements 1–8 on pages 3, 4 and 5.
  - b. complete a fifth year of study at a California college or university with a Commission-accredited teacher preparation program, securing that institution's formal recommendation for the professional clear credential. The fifth year of study may be used for **one or more** of the following purposes:
    - additional subject-matter preparation including, but not limited to, pursuit of a master's or higher degree
    - completion of an accredited program for an advanced or specialized credential
    - in-service training for which college or university credit is given
    - study undertaken to complete an accredited program of professional preparation
  - c. complete a Commission-approved Professional Teacher Induction Program. ([See Terms and Definitions.](#))

#### Option 4

#### **Out-of-State Trained Applicants with Less than Three Years of Out-of State Full-Time Teaching Experience or from a State Without Equivalent Standards**

#### **Requirements for the Five-Year Preliminary Single Subject Teaching Credential**

Individuals must satisfy **all** of the following requirements:

1. Baccalaureate or higher degree from a regionally-accredited college or university
2. Applicants must satisfy **one** of the following professional preparation requirements:
  - a. complete a professional preparation program in secondary education, including student teaching, with a minimum grade of "C" on a five-point scale, taken at a regionally-accredited institution where the program was completed
  - b. if no professional preparation program was completed or if the grade in student teaching was less than a "C," applicants may qualify for the credential only if they can verify completion of three years of successful full-time single subject (departmentalized) teaching within the last 10 years. (This experience must have been completed while the applicant held or was eligible for a full professional certificate based on a baccalaureate or higher degree from the state in which the experience was obtained. If the grade in student teaching was a "pass" or "credit," the applicant is assumed to have completed the student teaching at the "C" grade level or better.)
3. Issued or eligible for a comparable teaching credential from another state

#### **Requirements for the Professional Clear Single Subject Teaching Credential**

Individuals must satisfy **all** of the following requirements:

1. Pass the California Basic Educational Skills Test (CBEST) during the first year of certification (unless passage was verified with the issuance of the preliminary credential). CBEST must be passed within one year of the issuance date of the preliminary credential in order for the holder to be eligible to continue teaching. (For more information, contact the CBEST Program, National Evaluation Systems, Inc., P.O. Box 340880, Sacramento, CA 94834-0990, 916-928-4001, 800-262-5080, or <[www.cbest.nesinc.com](http://www.cbest.nesinc.com)>.)
2. Complete course work in Developing English Language Skills including Reading that is research-based and includes the study of phonemic awareness, spelling patterns, early intervention techniques, ongoing diagnostic

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techniques, and a strong literature, language, and comprehension component (Submit a copy of the course description for evaluation purposes.)

3. U.S. Constitution – applicants must satisfy **one** of the following requirements:
  - a. complete a course (at least two semester units or three quarter units) in the Provisions and Principles of the United States Constitution. (Submit a copy of the course description for evaluation purposes.)
  - b. pass an examination in the Provisions and Principles of the U.S. Constitution given by a regionally-accredited college or university.
  - c. applicants from the interstate agreement states are considered to have successfully met the U.S. Constitution requirement. ([See Table 1.](#))
4. Subject Matter Competence – applicants must satisfy **one** of the following requirements:
  - a. achieve a passing score on the appropriate subject-matter examination(s). (Information about the appropriate subject-matter examination(s), including passing scores and registration, can be found in Verifying Subject-Matter Competence leaflet [CL-674S](#), that may be obtained by visiting the Commission’s website at [www.ctc.ca.gov](http://www.ctc.ca.gov).)
  - b. complete a Commission-approved subject-matter competence program or its equivalent and obtain verification of completion from the authorized person in the education department of a California college or university with an approved program. (California colleges and universities may have recency requirements that have to be met before a subject-matter statement can be granted.)
  - c. for Specialized Science Subjects only, individuals may take and pass all appropriate subject matter examinations or obtain verification of completion of subject-matter course work from the Commission on Teacher Credentialing. Information, including requirements and procedures, can be found in [Coded Correspondence 03-0010](#).
5. Health Education – applicants must satisfy **one** of the following requirements:
  - a. complete a unit requirement in health education, including, but not limited to, nutrition; the physiological and sociological effects of alcohol, narcotic, and drug abuse; and the use of tobacco. (This requirement must include verification of training in cardiopulmonary resuscitation [CPR] that covers infant, child, and adult CPR skills. Submit a copy of the course description and CPR card for evaluation purposes.)
  - b. complete a Commission-approved [Professional Teacher Induction Program](#). ([See Terms and Definitions.](#))
6. Special Populations – complete **one** of the following:
  - a. complete a course, and field experience in methods of delivering appropriate education services to students with exceptional needs in regular education programs. (Course components must include adapting programs and materials to meet the needs of exceptional students, the concept of “least restrictive environment,” and exposure to state and federal laws pertaining to special education. Submit a copy of the course description for evaluation purposes.)
  - b. complete a Commission-approved [Professional Teacher Induction Program](#). ([See Terms and Definitions.](#))
7. Foundational and Advanced Computer Education — applicants must satisfy the computer education requirement at **both** levels in order to obtain the professional clear credential.
  - a. complete foundational and advanced computer education course work, which includes general and specialized skills in the use of computers in an educational setting. (Submit a copy of the course description[s] for evaluation purposes.)
  - b. achieve a passing score on the Preliminary Education Technology Test. (Information about this test can be found in Examinations for Teacher Certification in California, leaflet CL-818, that may be obtained by visiting the Commission’s website at [www.ctc.ca.gov](http://www.ctc.ca.gov).) Passage of this test satisfies the foundational level requirement only.
  - c. complete a Commission-approved [Professional Teacher Induction Program](#). ([See Terms and Definitions.](#))

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8. Applicants must satisfy **one** of the following requirements:
- hold a master's degree or complete a fifth year of study consisting of 30 semester units beyond the bachelor's degree in a defined field of study designed to improve the teacher's competence and skills. The degree must have been obtained from, or course work completed at, a regionally-accredited college or university outside of California. Teachers prepared outside of California who have already completed their fifth year of study will be given a complete evaluation by the Commission, and may apply directly to the Commission for the professional clear credential if they are able to verify completion of requirements 1–8 on pages 5 and 6.
  - complete a fifth year of study at a California college or university with a Commission-accredited teacher preparation program, securing that institution's formal recommendation for the professional clear credential. The fifth year of study may be used for **one or more** of the following purposes:
    - additional subject-matter preparation including, but not limited to, pursuit of a master's or higher degree
    - completion of an accredited program for an advanced or specialized credential
    - in-service training for which college or university credit is given
    - study undertaken to complete an accredited program of professional preparation
  - complete a Commission-approved [Professional Teacher Induction Program](#). ([See Terms and Definitions.](#))

## Option 5

### Out-of-State Trained Applicants with National Board for Professional Teaching Standards Certification

Teachers who are certified by the National Board for Professional Teaching Standards will be issued a professional clear teaching credential in the subject area in which they have received national certification. ([See Table 3.](#)) Individuals meeting this option are exempt from CBEST and all other credential requirements.

### Requirements for the Professional Clear Single Subject Teaching Credential

Individuals may apply directly to the Commission for a professional clear teaching credential by submitting an application form (41-4) and current processing fee with documentation of **all** of the following:

- Copy of National Board Certification
- Character and Identification Clearance form (41-CIC), if not already on file with the Commission
- Copy of Livescan Service form (41-LS) or two fingerprint cards (FD-258), if not already on file with the Commission

### Crosscultural, Language and Academic Development (CLAD) Certificates

CLAD Certificates authorize the holder to provide instruction for English Language Development (ELD) and Specially Designed Academic Instruction Delivered in English (SDAIE) to English learners (EL) at the levels authorized by his or her prerequisite credential.

Individuals who have completed a comparable EL program outside of California on or after January 1, 1997, from a state determined to have equivalent EL standards ([see Table 2](#)), may apply directly to the Commission for a CLAD Certificate by submitting the following:

- a copy of, or verification of eligibility for, the out-of-state credential verifying comparable EL authorization
- application (form 41-4) and current processing fees

► *Note: Individuals must have a valid prerequisite credential on file before a CLAD Certificate will be issued.*

### Middle Level and Early Childhood Emphasis

Individuals who have completed a comparable Middle Level or Early Childhood program outside of California on or after January 1, 1997 from a state determined to have equivalent Middle Level and Early Childhood standards ([see Table 2](#)) may request to have this emphasis added to their Multiple or Single Subject Credential by submitting one application for the credential and a copy of, or verification of eligibility for, the out-of-state credential verifying the Middle Level or Early Childhood Emphasis.

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## Course Work Submitted for a Credential

An applicant must have an overall grade point average of “C” or better on a five-point scale in all course work offered toward fulfillment of credential requirements. Continuing education units (CEU’s) are not acceptable to fulfill credential requirements. For an individual with less than three years experience, a course description or a letter from the appropriate department chairperson verifying the content of the course work should be enclosed with the credential application for the following course requirement(s): Developing English Language Skills, including Reading; U.S. Constitution; Health Education; Special Populations and/or Computer Education. A course description is **not** necessary if meeting requirements based on programs determined to have equivalent standards.

## Terms and Definitions

*Commission-approved Professional Teacher Induction Program:* A program of situated learning for the preliminary credentialed teacher. A Verification of Induction Program Completion Form must be signed by the Induction Program director or designee. The Induction Program will also need to provide verification of training in CPR that covers infant, child and adult CPR skills. (Verification of CPR training is not required of individuals whose Health Education requirement was satisfied with the issuance of their preliminary credential.)

*Full-time Teaching Experience:* This experience must be full-time teaching; no part-time or a combination of teaching and other school employment will be accepted. All experience must be gained in regionally-accredited schools in states or U.S. Territory other than California. This experience must be verified by the superintendent, assistant superintendent, or director of personnel on original, official letterhead of the district or districts where the teacher was employed.

*Rigorous Performance Evaluations:* Original evaluations of the teacher's performance in at least two years of teaching must be submitted. Copies of evaluations with original, written verification of their authenticity by a personnel officer in the school where the evaluations took place are acceptable. At least one of the evaluations must have been conducted within the last two years of teaching. Evaluation ratings must be satisfactory or better.

The teaching effectiveness areas on the performance evaluation must include, but are not limited to the following:

- The use of teaching strategies that motivate all students to engage in the learning process
- The ability to establish and maintain high standards for student behavior
- A demonstration of deep knowledge of the subject taught and the use of appropriate instructional strategies that promote student understanding
- An ability to plan and implement a sequence of appropriate instructional activities

*Academic Majors:* Applicants applying under Option 1 or Option 2 must have a major in the field or in a closely related subject acceptable to the Commission. The academic majors for single subject credentials include the following:

**Agriculture:** agribusiness, animal science, crop science, dairy science, natural resources management, horticulture, or soil science

**Art:** art history or studio art

**Business:** accountancy, business administration, finance or marketing

**English:** composition or literature

**Health Science:** health science or public health

**Home Economics:** foods, nutrition, child development, interior design or clothing

**Industrial and Technology Education:** industrial technology

**Language Other than English:** French, German, Spanish, or any language other than English

**Mathematics:** mathematics

**Music:** instrumental or vocal music

**Physical Education:** kinesiology or physical education

**Science: Biological Sciences:** biology, marine biology, anatomy or botany

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**Science: Chemistry:** chemistry or biochemistry

**Science: Geoscience:** astronomy, earth science, ecology, or geology

**Science: Physics:** physics

**Social Science:** geography, government, political science, or history. Applicants with a major in one of the disciplines of anthropology, economics, psychology, or sociology may receive the credential in social science if they hold a minor in geography, government, political science, or history. A minor is defined as 20 semester units obtained within the degree.

Reference: California Education Code, Sections 44227, 44259, 44274, 44274.1, 44274.2, 44275.3, and 44275.4, and Title 5, California Code of Regulations, Section 80025.1

## **TABLES**

**Table 1**

### ***States Having Interstate Agreements with California as of April 1, 1997***

Applicants who meet the interstate agreement are considered to have successfully completed the U.S. Constitution requirement. The interstate agreement does not clear any of the other California requirements.

Alabama	Kentucky	Ohio
Arizona	Maine	Oklahoma
Arkansas	Maryland	Oregon
Colorado	Massachusetts	Pennsylvania
Connecticut	Michigan	Rhode Island
Delaware	Mississippi	South Carolina
District of Columbia	Montana	Tennessee
Florida	Nevada	Texas
Georgia	New Hampshire	Utah
Hawaii	New Jersey	Vermont
Idaho	New Mexico	Virginia
Illinois	New York	Washington
Indiana	North Carolina	West Virginia

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**Table 2****Commission-Accredited Equivalency for the Secondary Teacher Education Programs Completed on or after January 1, 1997**

The following table identifies the single subject teacher preparation programs in other states that have been determined by the Commission to be equivalent for the purposes of applying for the California Preliminary Single Subject Teaching Credential in the categories indicated. (See key on page 11.)

<i>Alabama</i> .....	<i>L, U, SE, CE, A, E, M, MU, PE, S, SB, SC, SP, SS, EL, EC, ML</i>
<i>Alaska</i> .....	<i>SE, CE, E, F, M, PE, SB, SC, SG, SP, SS, EC, ML</i>
<i>Arizona</i> .....	<i>L, U, SE, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL</i>
<i>Arkansas</i> .....	<i>A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Colorado</i> .....	<i>L, U, SE, CE, A, E, M, MU, PE, S, SB, SG, SP, SS, EL, EC, ML</i>
<i>Connecticut</i> .....	<i>U, HE, SE, CE, A, E, F, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Delaware</i> .....	<i>L, U, SE, CE, E, M, MU, PE, SB, SC, SG, SP, SS, EL</i>
<i>District of Columbia</i> .....	<i>E, M, MU, PE, S, SB, SG, SP, SS, EL, EC, ML</i>
<i>Florida</i> .....	<i>L, U, HE, SE, CE, A, E, F, M, MU, PE, S, SS, EL, EC, ML</i>
<i>Georgia</i> .....	<i>L, U, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC</i>
<i>Hawaii</i> .....	<i>A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Idaho</i> .....	<i>CE, A, E, M, MU, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Illinois</i> .....	<i>L, U, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Indiana</i> .....	<i>L, U, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Iowa</i> .....	<i>L, U, SE, CE, E, MU, PE, SS, EL, EC, ML</i>
<i>Kansas</i> .....	<i>L, U, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Kentucky</i> .....	<i>U, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, ML</i>
<i>Louisiana</i> .....	<i>SE, A, E, F, M, MU, PE, S, SB, SC, SP, SS, EL, EC, ML</i>
<i>Maine</i> .....	<i>L, U, SE, CE, E, M, PE, S, SS, EL, EC, ML</i>
<i>Maryland</i> .....	<i>L, U, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC</i>
<i>Massachusetts</i> .....	<i>U, SE, A, E, M, MU, PE, S, SB, SC, SG, SS, SP, EL, EC, ML</i>
<i>Michigan</i> .....	<i>L, U, CE, A, E, F, M, MU, PE, SC, SG, SP, EL, EC, ML</i>
<i>Minnesota</i> .....	<i>HE, SE, CE, A, E, F, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Mississippi</i> .....	<i>SE, CE, E, M, MU, PE, SB, SC, SP, SS, EL, EC, ML</i>
<i>Missouri</i> .....	<i>L, U, SE, CE, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Montana</i> .....	<i>HE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, EL, EC, ML</i>
<i>Nebraska</i> .....	<i>L, U, HE, SE, E, M, MU, SS, EL, EC, ML</i>
<i>Nevada</i> .....	<i>E, M, MU, PE, S, SB, SC, SP, SS, EL, EC, ML</i>
<i>New Hampshire</i> .....	<i>SE, CE, A, E, M, MU, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>New Jersey</i> .....	<i>E, M, MU, PE, S, SB, SC, SG, SP, SS, EL</i>
<i>New Mexico</i> .....	<i>E, M, MU, PE, SP, SS, EL, EC, ML</i>
<i>New York</i> .....	<i>HE, SE, CE, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>North Carolina</i> .....	<i>L, U, SE, CE, A, E, F, M, MU, PE, S, SB, SC, SG, SP, SS, EL, ML</i>
<i>North Dakota</i> .....	<i>L, U, SE, CE, A, E, M, MU, S, SB, SC, SG, SP, SS, EC, ML</i>
<i>Ohio</i> .....	<i>CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>

*(continued)*

<i>Oklahoma</i> .....	<i>CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EC, ML</i>
<i>Oregon</i> .....	<i>A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Pennsylvania</i> .....	<i>L, U, HE, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EC, ML</i>
<i>Rhode Island</i> .....	<i>L, U, HE, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>South Carolina</i> .....	<i>L, U, HE, SE, CE, E, M, MU, PE, S, SB, SC, SP, SS, EL, EC, ML</i>
<i>South Dakota</i> .....	<i>L, U, HE, SE, CE, A, E, M, MU, PE, S, SC, SG, SS, SP, EL, EC, ML</i>
<i>Tennessee</i> .....	<i>L, U, HE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Texas</i> .....	<i>SE, CE, A, E, F, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Utah</i> .....	<i>L, U, HE, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Vermont</i> .....	<i>SE, CE, A, E, M, MU, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Virginia</i> .....	<i>L, U, SE, CE, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>Washington</i> .....	<i>L, U, HE, SE, CE, A, E, MU, SB, SC, SG, SP, SS, EL, EC, ML</i>
<i>West Virginia</i> .....	<i>CE, A, E, M, MU, PE, S, SB, SC, SP, SS, EL, EC, ML</i>
<i>Wisconsin</i> .....	<i>L, U, HE, SE, CE, A, E, M, MU, PE, S, SB, SC, SG, SP, SS, EL, EC</i>
<i>Wyoming</i> .....	<i>L, U, SE, CE, E, HE, MU, S, SP, SS, EL, EC, ML</i>

## KEY

*L..... Developing English Language Skills*  
*U ..... U.S. Constitution*  
*HE..... Health Education*  
*SE ..... Special Education*  
*CE..... Computer Education*  
*A ..... Art*  
*E..... English*  
*F..... French*  
*M..... Math*  
*MU..... Music*

*PE ..... Physical Education*  
*S.....Spanish*  
*SB .....Science: Biological Science*  
*SC.....Science: Chemistry*  
*SG.....Science: Geoscience*  
*SP .....Science: Physics*  
*SS .....Social Science*  
*EL.....English learner*  
*EC.....Early Childhood*  
*ML.....Middle Level*

- *There is an on-going review of states that have not yet been deemed to have equivalent standards. These charts will be updated on a quarterly basis.*

*(continued)*

**Table 3*****National Board for Professional Teaching Standards Certification***

<b>National Board Certification</b>	<b>California Certification</b>
Early and Middle Childhood Certificate in Art, or Early Adolescence through Young Adulthood Certificate in Art	Professional Clear Single Subject Teaching Credential in Art
Early Adolescence Certificate in English Language Arts, or Adolescence and Young Adulthood Certificate in English Language Arts, or Early and Middle Childhood/Literacy-Reading Language Arts Certificate	Professional Clear Single Subject Teaching Credential in English
Early Adolescence through Young Adulthood Certificate in Career and Technical Education	Professional Clear Single Subject Teaching Credential in Industrial and Technology Education
Early Adolescence through Young Adulthood Certificate in World Languages Other Than English	Professional Clear Single Subject Teaching Credential in Languages Other Than English (specify language)
Early Adolescence Certificate in Mathematics, or Adolescence and Young Adulthood Certificate in Mathematics	Professional Clear Single Subject Teaching Credential in Mathematics
Early and Middle Childhood Certificate in Music, or Early Adolescence through Young Adulthood Certificate in Music	Professional Clear Single Subject Teaching Credential in Music
Early and Middle Childhood Certificate in Physical Education, or Early Adolescence through Young Adulthood Certificate in Physical Education	Professional Clear Single Subject Teaching Credential in Physical Education
Early Adolescence Certificate in Science, or Adolescence and Young Adulthood Certificate in Science	Professional Clear Single Subject Teaching Credential* Science: Biological Sciences Science: Chemistry Science: Geosciences Science: Physics
Early Adolescence Certificate in Social Studies-History, or Adolescence and Young Adulthood Certificate in Social Science-History	Professional Clear Single Subject Teaching Credential in Social Science

*\* Teachers holding National Board for Professional Teaching Standards Certification in the area of Science will be issued the specific California science authorization based upon an out-of-state credential or official transcripts from a regionally-accredited college or university*